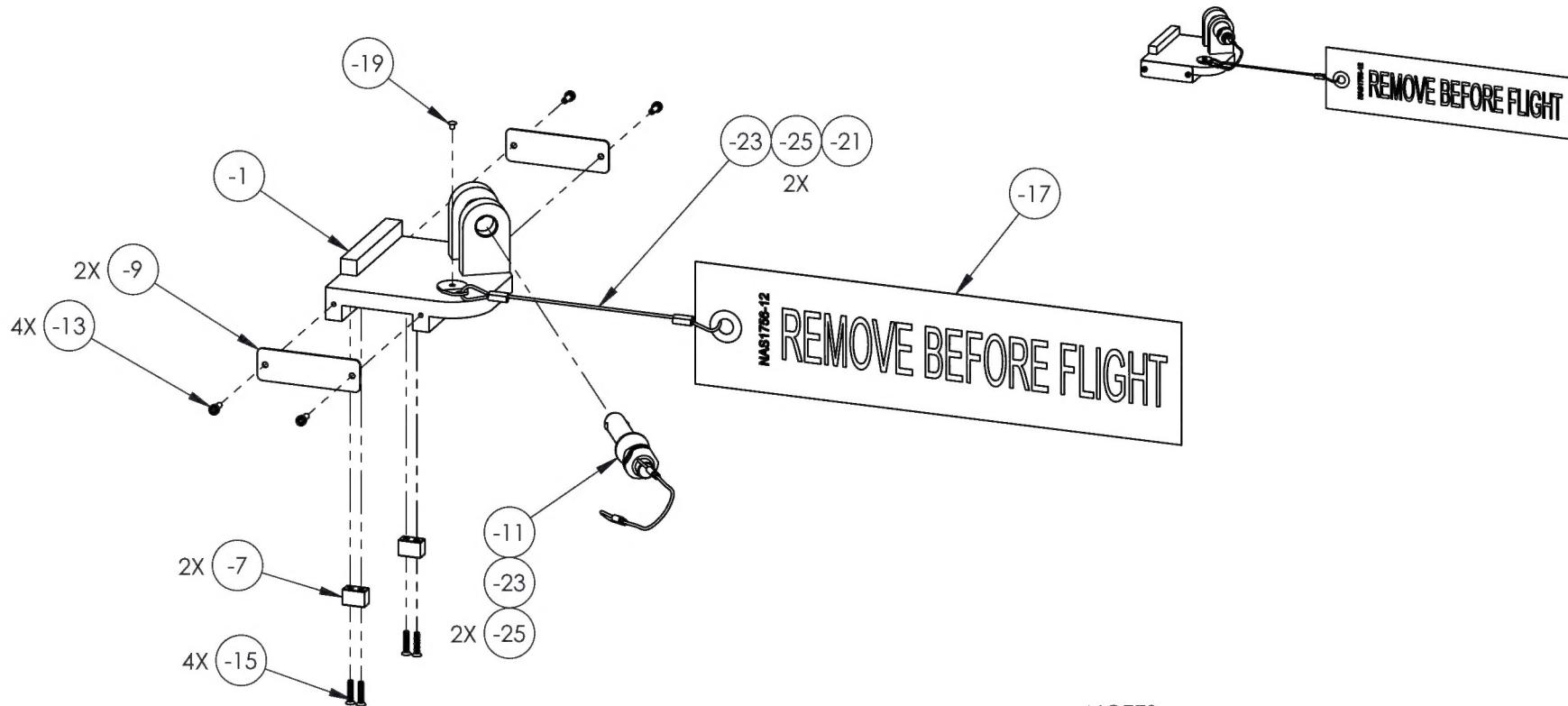


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REV			ECR			DESCRIPTION			DATE			INITIAL			APPROVED		
1			RELEASED FOR PRODUCTION.						11/7/2016			DPD			JAG		



NOTES:

1. REF. AIRBUS T/N: M670V4003137.
2. PART OF KIT RBEM670V4003101.

DART
AEROSPACE

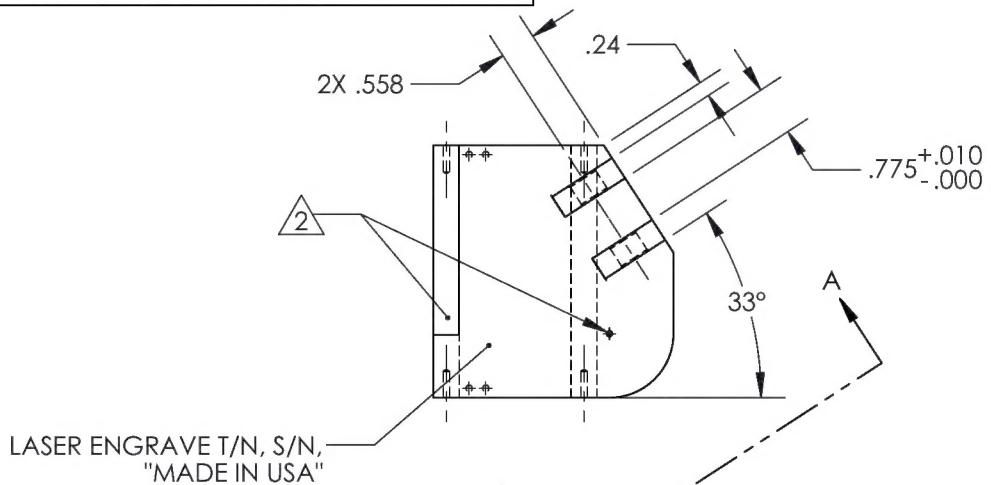
ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	TITLE			DWG NO.			REV
X			-1	1	BASE PLATE WELDMENT			2	MRB INCLINOMETER SUPPORT			RBEM670V4003137			1
1			-3		BASE PLATE	1018/1020 CR		3							
2			-5		EAR PLATE	1018/1020 CR		4							
			-7	2	BLOCK	6061		5							
			-9	2	END PLATE	6061		6							
B/O		-11	1		BALL LOCK PIN	S.S.	M12 X 40mm USABLE (MCMASTER-CARR #93871A810)	1							
B/O		-13	4		SOCKET HEAD CAP SCREW	STEEL	M3 X 0.5mm X 8mm (MCMASTER-CARR #95263A122)	1							
B/O		-15	4		FLAT HEAD MACHINE SCREW	STEEL	M3 X 0.5mm X 14mm (MCMASTER-CARR #91420A124)	1							
B/O		-17	1		REMOVE BEFORE FLIGHT	NYLON	NAS 1756-12	1							
B/O		-19	1		#2 DRIVE SCREW	COATED STEEL	#2 X 1/4 (MCMASTER-CARR #90081A077)	1							
B/O		-21	1		CABLE TAB	ALUMINUM	(CARR LANE #CL-129-TAB-A)	1	DRAWN BY: DUERFELDT			CHECKED: CLOUGH			
B/O		-23	2		LANYARD	COATED STEEL	Ø1/16 X 6 (CARR LANE #CL-2-C)	1	OPPS APPR: ANDERSON			QA APPR: LINDSAY			USED ON MODEL
B/O		-25	4		FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMASTER-CARR #3896T31)	1	APPROVED: GILBERT			H175			
ASSY -1									SCALE	1:4		DATE	5/20/2016		SHEET 1 OF 6

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ± 5°
X ± .1 SURFACES = 125

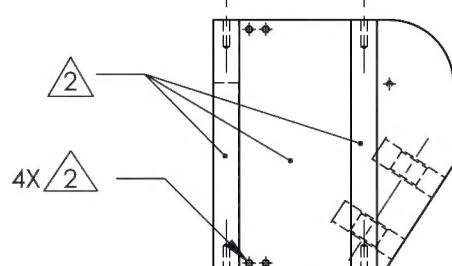
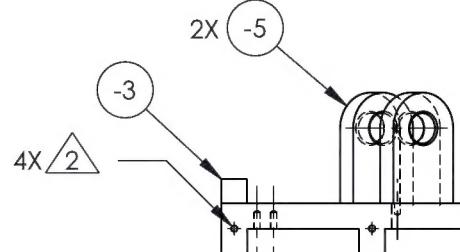
1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009

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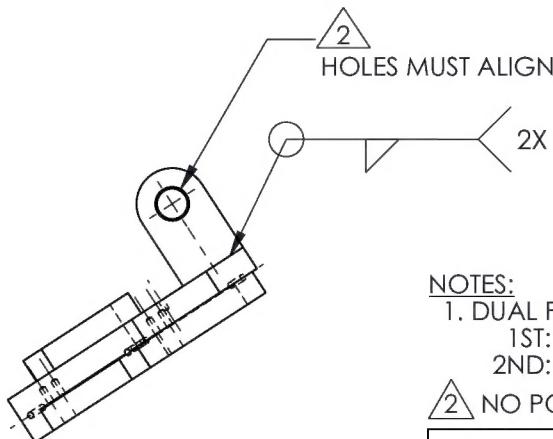
REV	ECR	REVISIONS		
		DESCRIPTION	DATE	INITIAL
				APPROVED



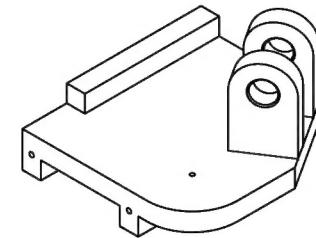
LASER ENGRAVE T/N, S/N,
"MADE IN USA"



BASE PLATE WELDMENT



VIEW A-A



NOTES:

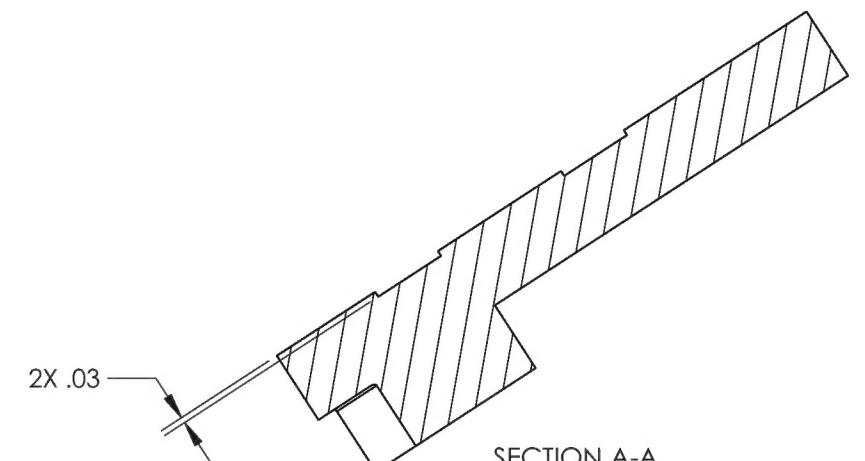
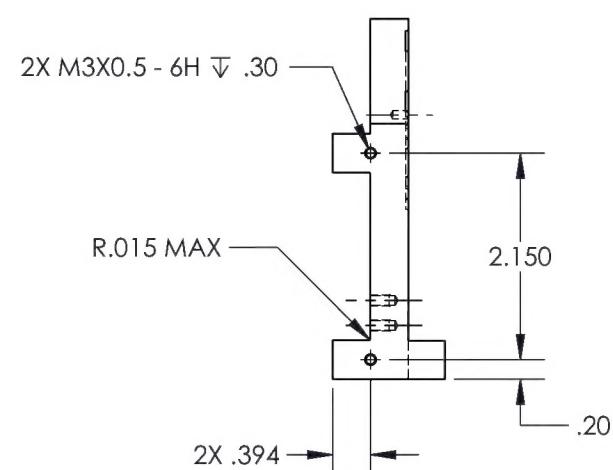
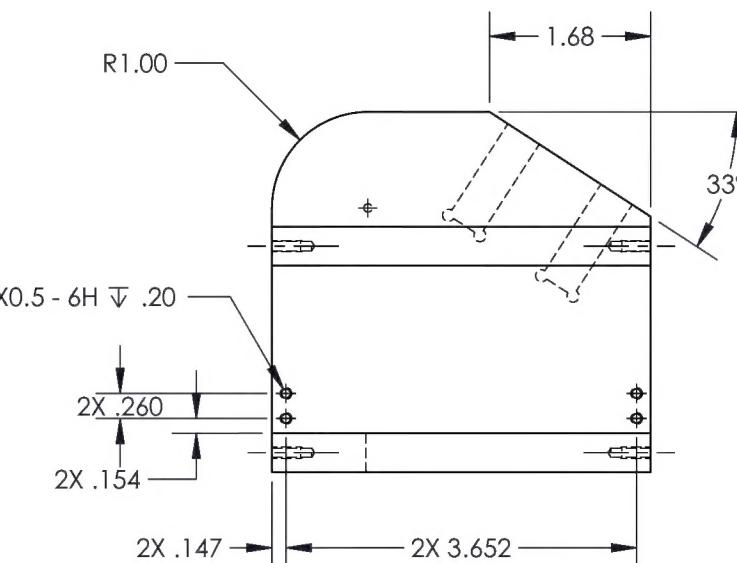
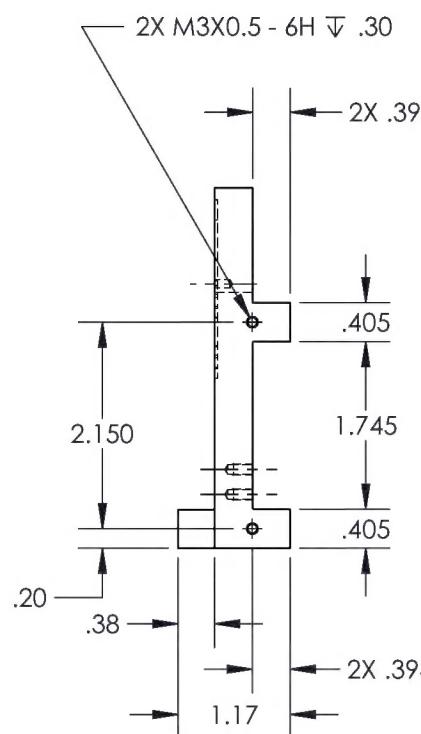
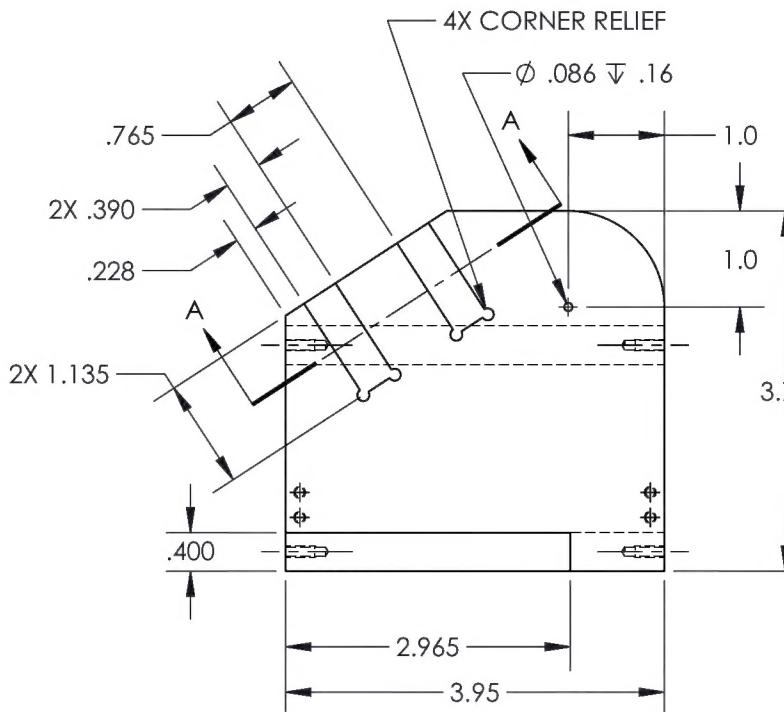
1. DUAL FINISH:
1ST: ZINC PLATE, ASTM B633 TYPE I SC2.
2ND: POWDER COAT YELLOW, FED #13538.

2) NO POWDER COAT THIS SURFACE.

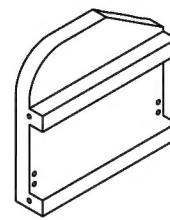


TITLE
MRB INCLINOMETER SUPPORT

DWG NO.	RBEM670V4003137-1	REV
MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT	.XXX ± .010	FRACTIONS ± 1/8
TREAT	.XX ± .03	ANGLES ± 1°
FINISH SEE NOTE 1	X ± .1	SURFACES = 125
SPEC		✓
DRAWN BY:	DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED:	CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR:	ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR:	LINDSAY	USED ON MODEL
APPROVED:	GILBERT	H175
SCALE	1:3	DATE 5/20/2016
		SHEET 2 OF 6



(3)
BASE PLATE

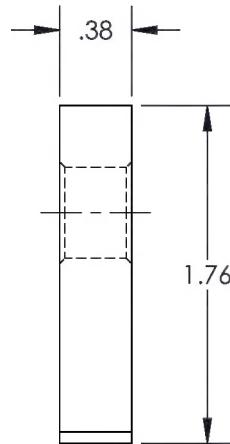
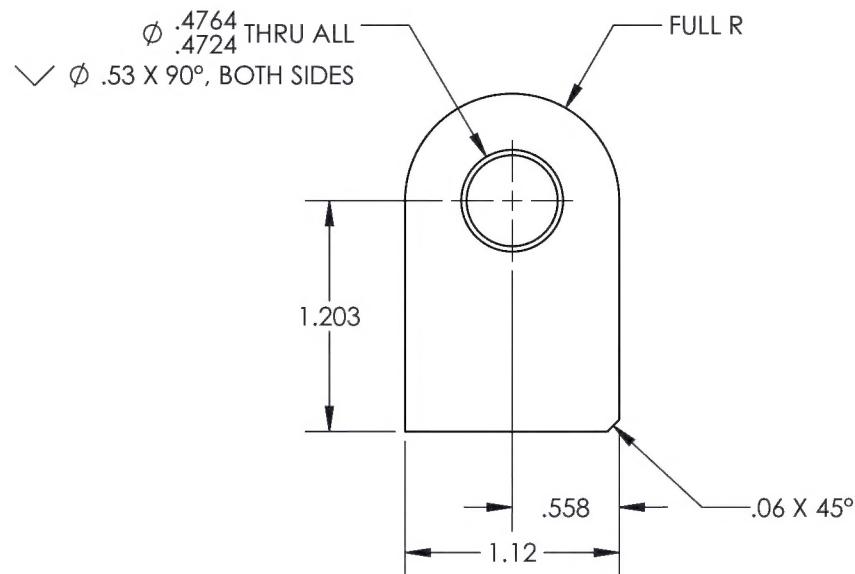
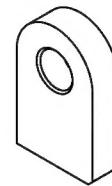


DART AEROSPACE	
TITLE MRB INCLINOMETER SUPPORT	
DWG NO.	RBEM670V4003137-3
REV	1
MATL	1018/1020 CR
HEAT	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	XXX \pm .005 FRACTIONS \pm 1/8
SEE -1	XX \pm .01 ANGLES \pm 5°
SPEC	X \pm .1 SURFACES = 125
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
SCALE	1:2
DATE	5/20/2016
SHEET	3 OF 6

1. BREAK ALL SHARP EDGES
0.015 x 45° OR. 0.015R
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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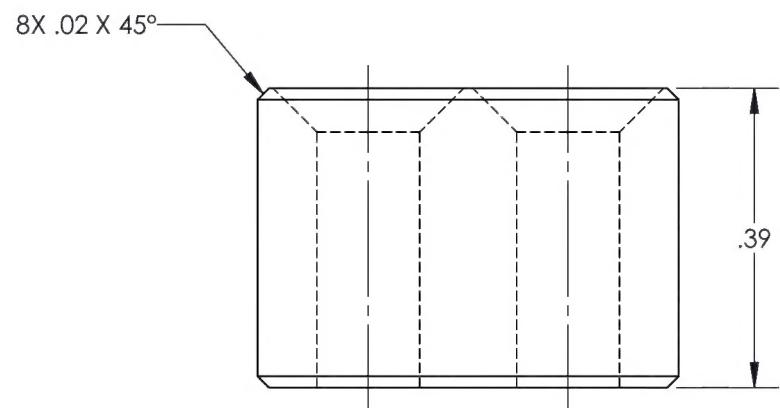
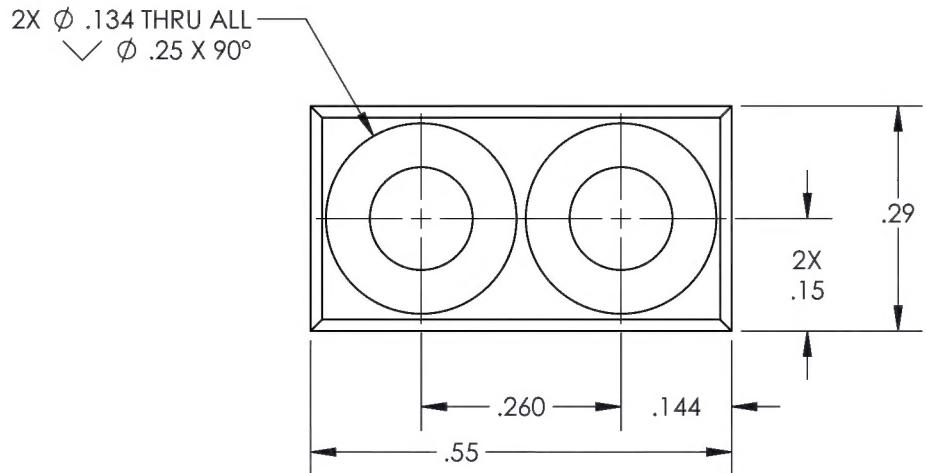
EAR PLATE

(5)

DART AEROSPACE	
TITLE	
MRB INCLINOMETER SUPPORT	
DWG NO.	
RBEM670V4003137-5	
REV	
1	
MATERIAL 1018/1020 CR	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.000 ± .005 FRACTIONS ± 1/8	
.000 ± .01 ANGLES ± 5°	
.000 ± .1 SURFACES = 125	
HEAT TREAT	
FINISH SEE -1	
SPEC	
DRAWN BY: DUERFELDT	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE	1:1
DATE	5/20/2016
SHEET 4 OF 6	

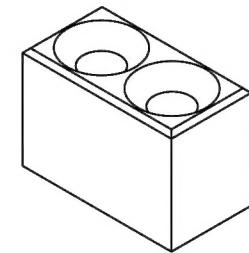
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REV		ECR		REVISIONS		
				DESCRIPTION		DATE
				INITIAL	APPROVED	



(-7)

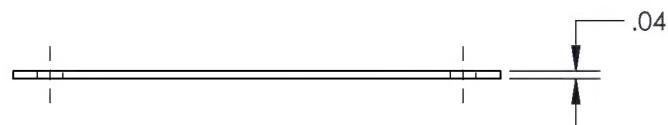
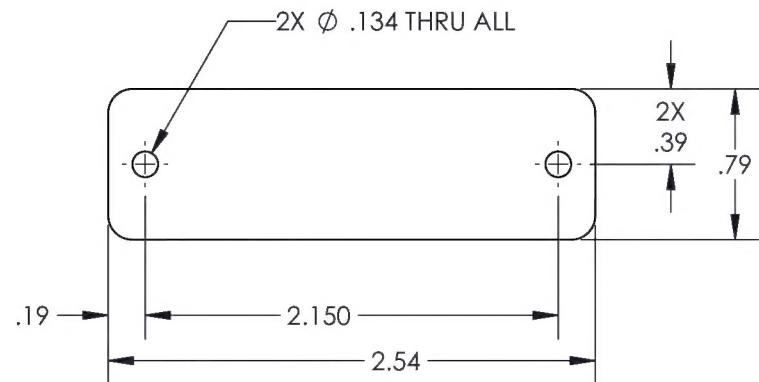
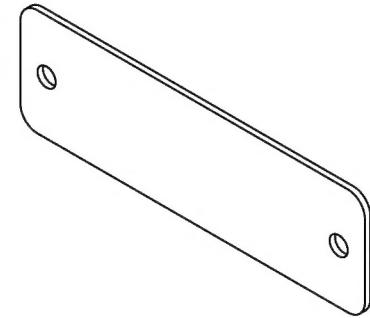
BLOCK



TITLE		DART	
		AEROSPACE	
DWG NO.		RBEM670V4003137-7	
REV		1	
MAT'L		6061	
HEAT		UNLESS OTHERWISE SPECIFIED	
TREAT		DIMENSIONS ARE IN INCHES	
FINISH		.XXX ± .005 FRACTIONS ± 1/8	
SPEC		.XX ± .01 ANGLES ± 5°	
MIL-A-8625F, TYPE II, CLASS I		X ± .1 SURFACES = 125	
DRAWN BY: DUERFELDT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		H175	
SCALE 4:1		DATE 5/20/2016	
		SHEET 5 OF 6	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



FND PLATE

-9

			
TITLE MRB INCLINOMETER SUPPORT			
DWG NO. RBEM670V4003137-9			REV 1
MATL 6061		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT		$XXX \pm .005$ FRACTIONS $\pm 1/8$	
FINISH CLEAR ANODIZE		$XX \pm .01$ ANGLES $\pm .5^\circ$	
SPEC MIL-A-8625F, TYPE II, CLASS I		$X \pm .1$ SURFACES = 125°	
DRAWN BY: DUERFELDT		✓ 1. BREAK ALL SHARP EDGES $.015 \times 45^\circ$ OR $.015R$	
CHECKED: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		H175	
SCALE	1:1	DATE	5/20/2016
		SHEET 6 OF 6	